# Tripp Lite UPS Systems Solution Guide and Runtime Chart for Cisco

Ideal for Protecting and Powering Mission-Critical Cisco Equipment


**Questions? Contact:**

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## Recommended UPS Systems

| Cisco Device | Power Requirement | SmartPro® UPS | | | | | | SmartOnline™ UPS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SMX500RT1U | SMX1000RT2U | SMX1500XLRT2U | SMX1500RXLRT2U + BP36V15-2U | SMX2200XLRT2U | SMX2200XLRT2U + BP48V60RT3U | SUINT10002TXL2Ua | SUINT1000RTXL2Ua+ BP24V28-2U | SUINT1500RTXL2Ua | SUINT1500RTXL2Ua+ BP48V24-2U | SUINT2200RTXL2Ua | SUINT2200RTXL2Ua+ BP48V60RT3U |
| | | Estimated Runtime in Minutes* | | | | | | | | | | | |
| Cisco 1841 | 50w | 31 | 140 | 197 | 807 | 328 | 1894 | 136 | 516 | 191 | 838 | 220 | 1344 |
| Cisco 2801 | 150w | 8 | 46 | 72 | 289 | 113 | 756 | 45 | 218 | 72 | 350 | 91 | 626 |
| Cisco 2801 with IP Phone Power | 270w | 3 | 23 | 37 | 153 | 58 | 423 | 22 | 121 | 37 | 195 | 49 | 367 |
| Cisco 2811 | 170w | 7 | 40 | 63 | 254 | 98 | 671 | 39 | 194 | 63 | 311 | 80 | 591 |
| Cisco 2811 with IP Phone Power | 370w | — | 15 | 26 | 107 | 40 | 305 | 15 | 86 | 26 | 139 | 35 | 269 |
| Cisco 2821 | 280w | 3 | 22 | 36 | 146 | 55 | 407 | 21 | 116 | 36 | 187 | 47 | 354 |
| Cisco 2821 with IP Phone Power | 550w | — | 8 | 16 | 66 | 24 | 197 | 9 | 53 | 16 | 89 | 22 | 178 |
| Cisco 2851 | 280w | 3 | 22 | 36 | 146 | 55 | 407 | 21 | 116 | 36 | 187 | 47 | 354 |
| Cisco 2851 with IP Phone Power | 730w | — | — | 11 | 45 | 18 | 143 | 6 | 37 | 11 | 63 | 15 | 63 |
| Cisco 3825 | 330w | — | 18 | 30 | 122 | 46 | 344 | 17 | 98 | 30 | 157 | 38 | 302 |
| Cisco 3825 with IP Phone Power | 650w | — | 7 | 13 | 53 | 20 | 163 | 7 | 43 | 13 | 73 | 18 | 148 |
| Cisco 3845 | 440w | — | 12 | 21 | 87 | 32 | 253 | 12 | 70 | 21 | 115 | 28 | 225 |
| Cisco 3845 with IP Phone Power | 720w | — | — | 11 | 46 | 18 | 145 | 6 | 38 | 11 | 64 | 15 | 132 |
| Cisco ASA 5505 | 96w | 13 | 64 | 117 | 412 | 164 | 1038 | 60 | 297 | 102 | 477 | 125 | 821 |
| Cisco ASA 5510 | 190w | 6 | 35 | 56 | 226 | 87 | 603 | 34 | 174 | 56 | 279 | 72 | 511 |
| Cisco ASA 5520 | 190w | 6 | 35 | 56 | 226 | 87 | 603 | 34 | 174 | 56 | 279 | 72 | 511 |
| Cisco ASA 5540 | 190w | 6 | 35 | 56 | 226 | 87 | 603 | 34 | 174 | 56 | 279 | 72 | 511 |
| Cisco ASA 5550 | 190w | 6 | 35 | 56 | 226 | 87 | 603 | 34 | 174 | 56 | 279 | 72 | 511 |
| Cisco ASA 5580 | 800w | — | — | 9 | 40 | 17 | 129 | 4 | 33 | 10 | 56 | 14 | 117 |
| Cisco Catalyst 2960-24LT-L | 175w | 6 | 36 | 64 | 240 | 93 | 637 | 35 | 184 | 59 | 295 | 76 | 537 |
| Cisco Catalyst 2960-24PC-L | 470w | — | 11 | 19 | 80 | 30 | 235 | 11 | 65 | 19 | 106 | 26 | 210 |
| Cisco Catalyst 2960-24TC-L | 30w | 54 | 211 | 381 | 1205 | 492 | 2672 | 153 | 686 | 269 | 1133 | 294 | 1722 |
| Cisco Catalyst 2960-24TT-L | 30w | 54 | 211 | 381 | 1205 | 492 | 2672 | 153 | 686 | 269 | 1133 | 294 | 1722 |
| Cisco Catalyst 2960-48TC-L | 45w | 34 | 144 | 267 | 872 | 355 | 2028 | 119 | 547 | 205 | 892 | 234 | 1416 |
| Cisco Catalyst 2960-48TT-L | 45w | 34 | 144 | 267 | 872 | 355 | 2028 | 119 | 547 | 205 | 892 | 234 | 1416 |
| Cisco Catalyst 2960-8TC-L | 20w | 71 | 247 | 475 | 1474 | 601 | 3184 | 180 | 793 | 319 | 1321 | 340 | 1955 |
| Cisco Catalyst 2960G-24TC-L | 75w | 19 | 91 | 166 | 566 | 228 | 1383 | 81 | 389 | 138 | 628 | 165 | 1049 |
| Cisco Catalyst 2960G-48TC-L | 140w | 9 | 47 | 85 | 309 | 121 | 802 | 45 | 231 | 76 | 371 | 97 | 660 |
| Cisco Catalyst 2960G-8TC-L | 30w | 54 | 211 | 381 | 1205 | 492 | 2672 | 153 | 686 | 269 | 1133 | 294 | 1722 |
| Cisco Catalyst 2960PD-8TT-L | 11w | 107 | 390 | 507 | 2211 | 902 | 4776 | 381 | 1190 | 477 | 726 | 187 | 1075 |

* Runtimes may vary due to load and battery condition. Tripp Lite follows a policy of continuous improvement. Specifications are subject to change without notice.

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# Recommended UPS Systems

| Cisco Device | Power Requirement | SmartPro® UPS | | | | | | SmartOnline™ UPS | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SMX500RT1U | SMX1000RT2U | SMX1500XLRT2U | SMX1500RXLRT2U + BP36V15-2U | SMX2200XLRT2U | SMX2200XLRT2U + BP48V60RT3U | SUINT10002TXL2Ua | SUINT1000RTXL2Ua+ BP24V28-2U | SUINT1500RTXL2Ua | SUINT1500RTXL2Ua+ BP48V24-2U | SUINT2200RTXL2Ua | SUINT2200RTXL2Ua+ BP48V60RT3U |
| | | Estimated Runtime in Minutes* | | | | | | | | | | | |
| Cisco Catalyst 3560-24TS-S/E | 45w | 34 | 144 | 267 | 872 | 355 | 2028 | 119 | 547 | 205 | 892 | 234 | 1416 |
| Cisco Catalyst 3560-48TS-S/E | 65w | 22 | 104 | 190 | 641 | 259 | 1546 | 91 | 431 | 155 | 697 | 183 | 1149 |
| Cisco Catalyst 3560-8PC-S | 204w | 5 | 29 | 52 | 197 | 75 | 531 | 29 | 153 | 48 | 246 | 63 | 454 |
| Cisco Catalyst 3560E-12D | 300w | 3 | 20 | 33 | 135 | 51 | 379 | 19 | 108 | 33 | 174 | 44 | 331 |
| Cisco Catalyst 3560E-12SD | 300w | 3 | 20 | 33 | 135 | 51 | 379 | 19 | 108 | 33 | 174 | 44 | 331 |
| Cisco Catalyst 3560E-24PD | 750w | — | — | 10 | 44 | 18 | 139 | 5 | 36 | 11 | 61 | 15 | 126 |
| Cisco Catalyst 3560E-24TD | 265w | 4 | 22 | 39 | 156 | 59 | 431 | 23 | 123 | 38 | 198 | 50 | 374 |
| Cisco Catalyst 3560E-48PD | 750w | — | — | 10 | 44 | 18 | 139 | 5 | 36 | 11 | 61 | 15 | 126 |
| Cisco Catalyst 3560E-48PD-SF | 1150w | — | — | — | — | 9 | 81 | — | — | 6 | 36 | 8 | 75 |
| Cisco Catalyst 3560E-48TD | 265w | 4 | 22 | 39 | 156 | 59 | 431 | 23 | 123 | 38 | 198 | 50 | 374 |
| Cisco Catalyst Express 520-24LC | 110w | 12 | 65 | 99 | 395 | 157 | 1001 | 63 | 287 | 98 | 461 | 121 | 801 |
| Cisco Catalyst Express 520-24PC | 460w | — | 11 | 20 | 82 | 30 | 241 | 11 | 66 | 20 | 109 | 27 | 215 |
| Cisco Catalyst Express 520-24TT | 30w | 54 | 183 | 381 | 1205 | 192 | 2672 | 153 | 687 | 269 | 1133 | 293 | 1722 |
| Cisco Catalyst Express 520G-24TC | 45w | 34 | 145 | 267 | 872 | 355 | 2028 | 119 | 547 | 205 | 892 | 234 | 1416 |
| Cisco Secure ACS Engine | 345w | — | 17 | 29 | 116 | 43 | 328 | 17 | 93 | 28 | 150 | 37 | 289 |
| Cisco UC520 – 8-user | 190w | 6 | 35 | 56 | 226 | 87 | 603 | 34 | 174 | 56 | 279 | 72 | 511 |
| Cisco UC520 – 16-user | 190w | 6 | 35 | 56 | 226 | 87 | 603 | 34 | 174 | 56 | 279 | 72 | 511 |
| Cisco UC520 – 24-user | 200w | 5 | 33 | 53 | 213 | 82 | 572 | 32 | 165 | 53 | 265 | 68 | 487 |
| Cisco UC520 – 32-user | 200w | 5 | 33 | 53 | 213 | 82 | 572 | 32 | 165 | 53 | 265 | 68 | 487 |
| Cisco UC520 – 48-user | 200w | 5 | 33 | 53 | 213 | 82 | 572 | 32 | 165 | 53 | 265 | 68 | 487 |
| MCS-7815-I2 | 400W | — | 14 | 23 | 97 | 36 | 280 | 12 | 79 | 23 | 127 | 32 | 249 |
| MCS-7825-H2 | 450W | — | 12 | 20 | 85 | 31 | 247 | 11 | 68 | 20 | 112 | 27 | 220 |
| MCS-7825-I2 | 350W | — | 17 | 28 | 114 | 42 | 323 | 16 | 92 | 28 | 148 | 37 | 285 |
| MCS-7835-12 | 835W REDUNDANT P/S | — | — | 9 | 38 | 15 | 122 | — | — | 9 | 53 | 13 | 111 |
| MCS-7835-H2 | 1000W REDUNDANT P/S | — | — | 7 | 29 | 11 | 97 | — | — | 7 | 42 | 10 | 92 |
| WS-C3550G-24PS/WS-3750G-24PS | 540W | — | 9 | 16 | 67 | 25 | 201 | 9 | 54 | 16 | 91 | 22 | 181 |
| WS-C3560-24PS/WS-C3750-24PS | 485W/495W | — | 10 | 18 | 77 | 28 | 225 | 10 | 61 | 18 | 102 | 25 | 201 |
| WS-C3560-48PS/WS-C3750-48PS | 530W/540W | — | 9 | 16 | 67 | 25 | 201 | 9 | 54 | 16 | 91 | 22 | 181 |
| WS-C3560G-48PS/WS-3750G-48PS | 590W | — | 8 | 14 | 60 | 22 | 182 | 8 | 49 | 14 | 82 | 20 | 165 |
| WS-CE500-24PC | 460W | — | 11 | 20 | 82 | 30 | 241 | 11 | 66 | 20 | 109 | 27 | 215 |

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*A Tripp Lite SNMP/Web card (model: SNMPWEBCARD) is recommended with each UPS system for remote power management. A Tripp Lite 2-post rackmount kit (model: 2POSTRMKITWM) is also recommended for systems that are going to be installed in 2-post rackmount environments.*

Cisco Compatible

Cisco Partner Technology Developer

Tripp Lite's PowerAlert Software, version 12.5, has tested compatible with Cisco CallManager, versions 4.0 and 4.1, Cisco 7600 Series Routers, 7500 Series Routers and Catalyst 65XX Layer 3 Switch. Tripp Lite PowerAlert Software, version 12, has tested compatible with Cisco CallManager, versions 3.3(4)-MCS and 4.0(2)-MCS. Go to www.tripplite.com/logodisclaimer for details. Tripp Lite is a Cisco Technology Developer Partner in the Cisco Technology Developer Program. Cisco, Cisco Systems, the Cisco Systems logo, and the Cisco Square Bridge logo are registered trademarks or trademarks of Cisco Systems, Inc. and/or its affiliates in the U.S. and certain other countries. SmartPro and SmartOnline are registered trademarks or trademarks of Tripp Lite.

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